



Transportation Commission WORK SESSION

September 16, 2020



2020 Transportation Long Range Plan

Work Session

Long Range Transportation Plan (LRP)

LRP- *Unconstrained* list of transportation projects, programs and studies

1. Project List – capital projects which are not funded (prioritized by the Transportation Commission)
2. Studies List
3. Developer Contingent Project List

2020 Proposed Schedule

September	Review LRP Process, Guidance, and Projects List
October	Discuss draft scores
November	Present draft LRP
December	Public Hearing Adoption of 2020 LRP by Transportation Commission

Derivation of LRP Projects / Studies

- Transportation Master Plan
- Small Area Plans
 - Potomac Yard
 - Old Town North
- Special Area and Corridor Plans
- Studies / Plans from other departments

Consistency with City Goals / policies

- Council Strategic Plan
- Transportation Master Plan
- Environmental Action Plan (EAP)
- Vision Zero & Complete Streets Policies
- Other City policies and programs

Commission Participation

- Develop guidance
- Confirm project list
- Consider packaging similar projects
- Consider removing projects no longer pertinent
- Prioritize City funded projects

Approach

- Remove projects or studies completed, not feasible or that can be funded
- Consolidate similar related projects
- New projects or studies are major, unfunded projects
 - Projects requiring development funding are added to a separate table and not scored

Staff-proposed Projects and Studies for Removal or Changes

- Draft List of Projects
- Draft List of Development-contingent projects
- Draft List of Studies

Removed Projects (Funded)

2020

- Mt. Vernon Avenue Intersection Improvements (2018 – Rank 1)
- Pedestrian Improvements at King Street Waterfront (2018 – Rank 16)

2020 Consolidated Projects

P-4
Ped/Bike Plan
Priority
Sidewalk
Projects

- #P-9 – North Jordan St. from Howard to Seminary Road sidewalk
- #P-6 – Seminary Road From Quaker Lane to Ft. Williams Pkwy Sidewalk Improvements

P-7
Ped/Bike
Plan Priority
Trail Projects

- #P-21 – Holmes Run Trail at Morgan Street

2020 New Studies

- Second Entrance at Eisenhower Metro (Eisenhower East)
- Determine the feasibility of a low-stress multi-modal, connective bicycle network to increase bicycle mode share (EAP 2040)

2020 LRP New Projects

- 18 new projects from recently approved plans:
 - *Landmark/Van Dorn*
 - *Eisenhower East*
 - *South Patrick Street Housing Study*
- 1 project removed from the CIP
 - New High Street

Prioritization Criteria

- **Livability**
 - Livability in affected area
 - Livability within Alexandria

- **Connectivity**
 - Neighborhood / City Connectivity
 - Regional mobility

- **Land Use / Economic Development**
 - Existing / planned population and employment centers
 - Opportunities for economic development

- **Mode Choice**
 - Improve / add multimodality
 - Encourage non-SOV travel

Prioritization Criteria

- Infrastructure
 - Improve aging infrastructure
- Operations / Technology
 - Improves efficiency
- Safety
 - Effect on crash risks / safety
 - Effect on proposed personal safety
- Equity
 - Impact on underserved populations
 - Impact on geographic balance

Commissioner Feedback: Guidance

- Request to add more weight to livability
- Request to adjust preamble language to add VZ
- Request to remove spillover parking
- Add connectivity to modal options
- Future reconsideration of transit in light of sustained covid impacts

Commissioner Feedback: Project List

- South Patrick Housing Affordability Strategy recommendations
 - Included as single project
- Missing Eisenhower East recommendations
 - Renumbered and clarified
- Landmark Landscape/median improvements associated with removal of flyover
 - Clarified
- Missing Landmark Transit Center
 - On developer list
- How bike/ped projects were consolidated
 - Explained
- Trails status
 - Updated
- Question about the tunnel under Telegraph
 - Renamed

New1 - Removal of Ramp Structure Over Duke Street

10.1.10 Remove the ramp structure/fly-over on Duke Street and implement the reconfiguration of Duke Street as generally depicted in Figure 3 and 5.

Figure 5: Duke Street Cross Section - Commercial Connector (See Note 1 & 2)

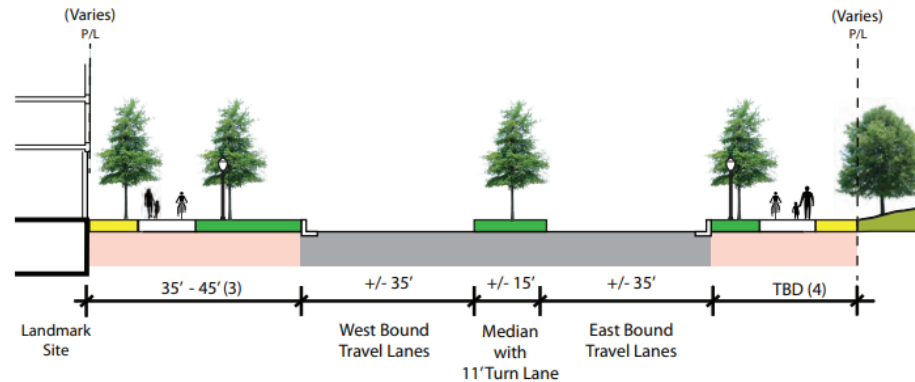
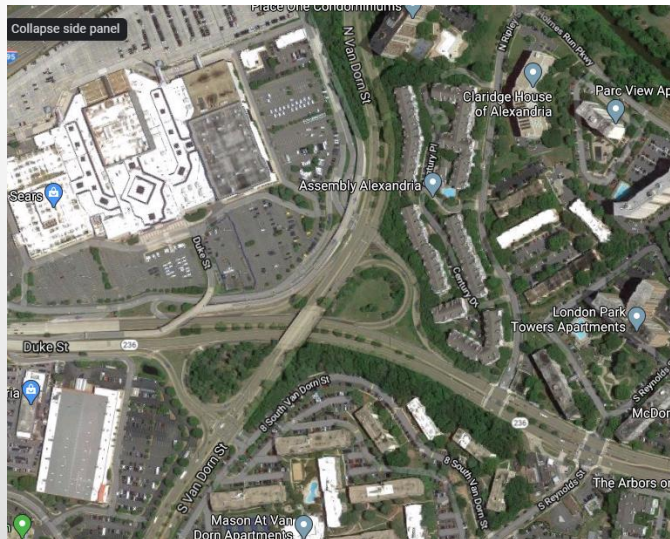
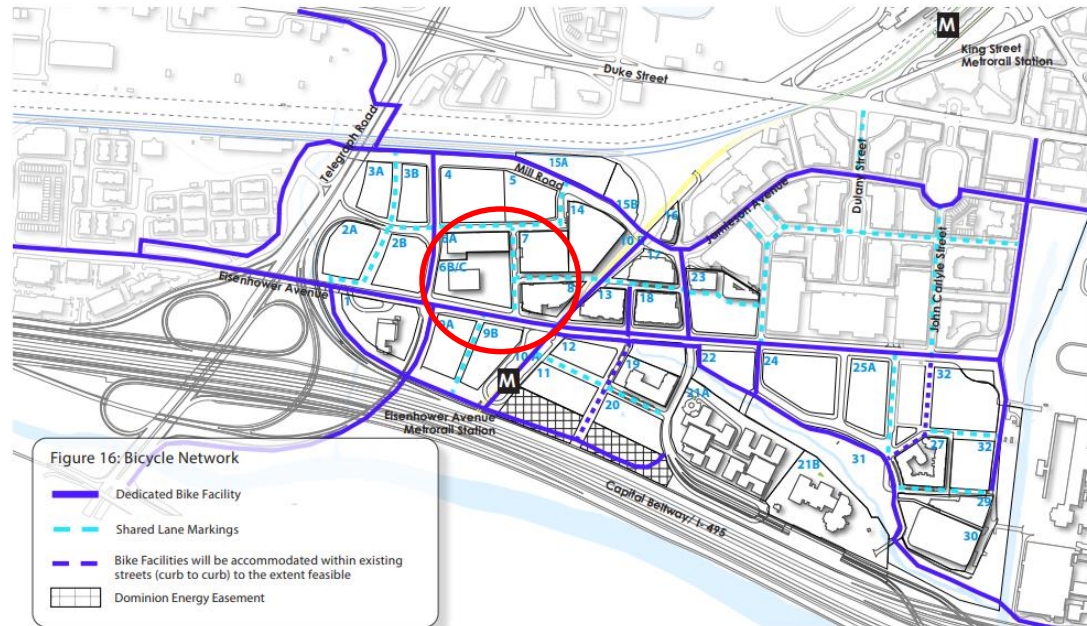


Figure 3: Duke Street (Looking East)

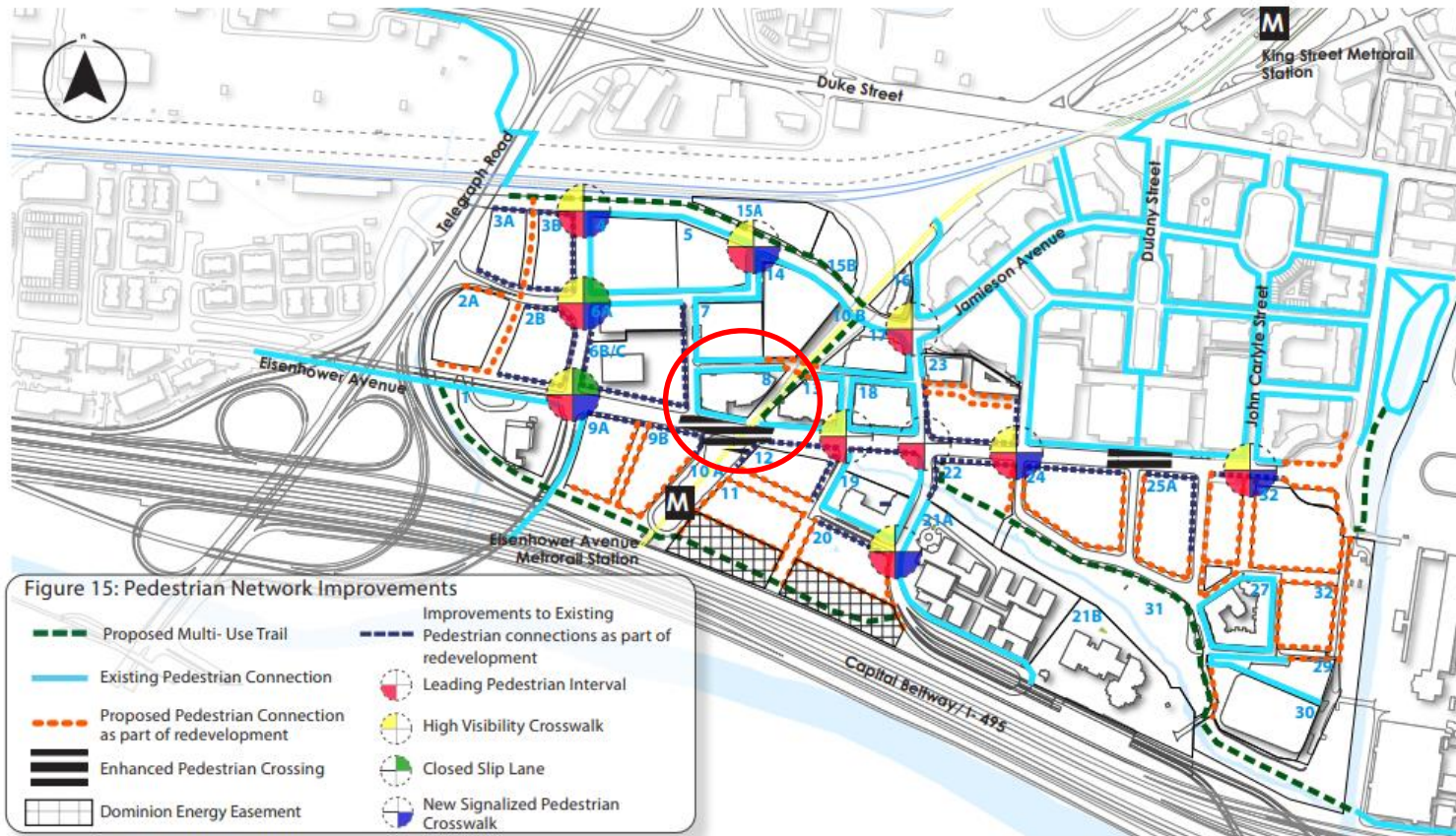


New2 - Interim Bike Facility on Eisenhower

- Rec #73 in the Eisenhower East Plan calls for a temporary facility to provide Metro connectivity in advance of a developer funded bike/ped tunnel under Mill Road.



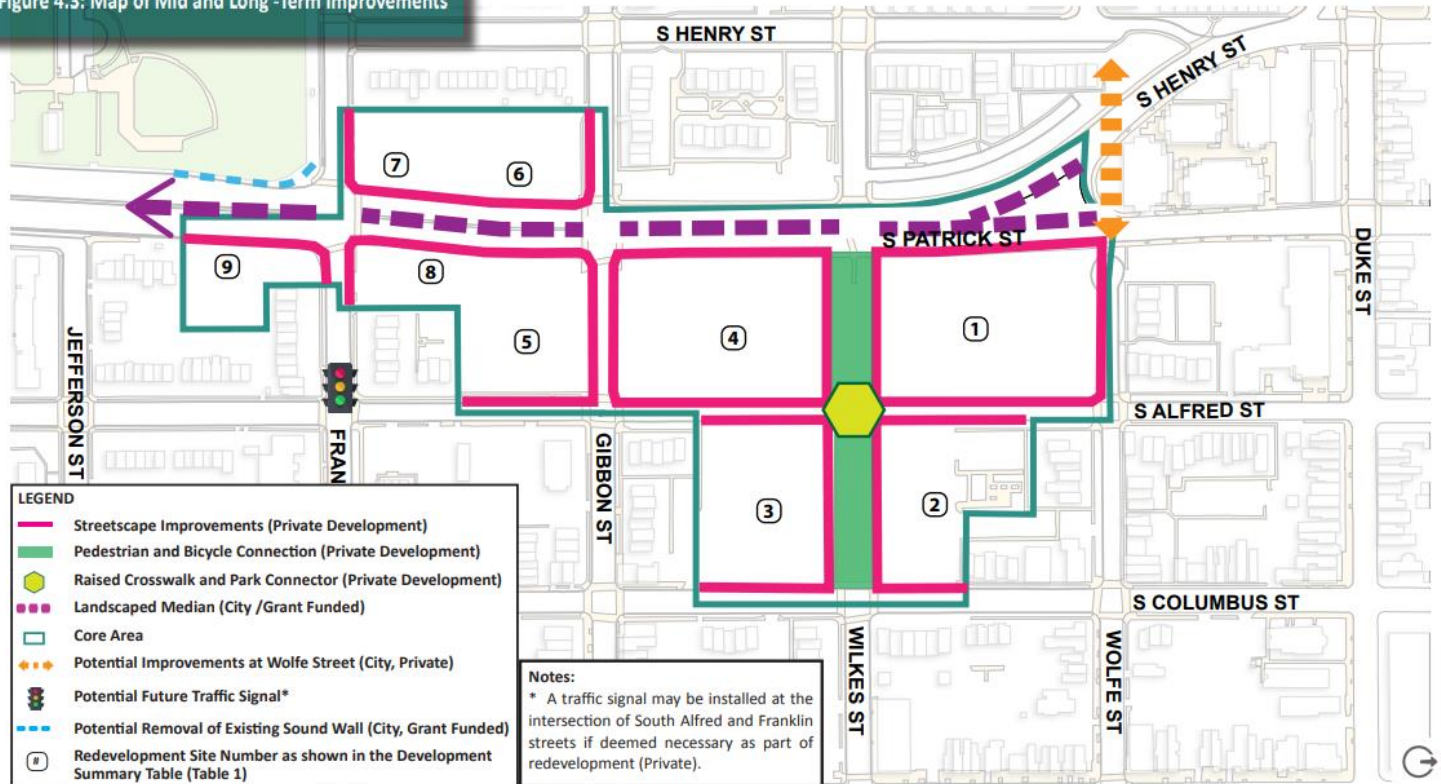
New3 - Interim and Permanent Pedestrian Crossing at Metrorail Station



- Rec 61 in the Eisenhower East Plan calls for an enhanced pedestrian crossing and eventually a pedestrian plaza to enhance connectivity under the Metrorail tracks

New4 - S. Patrick Street Pedestrian Improvements

Figure 4.3: Map of Mid and Long -Term Improvements

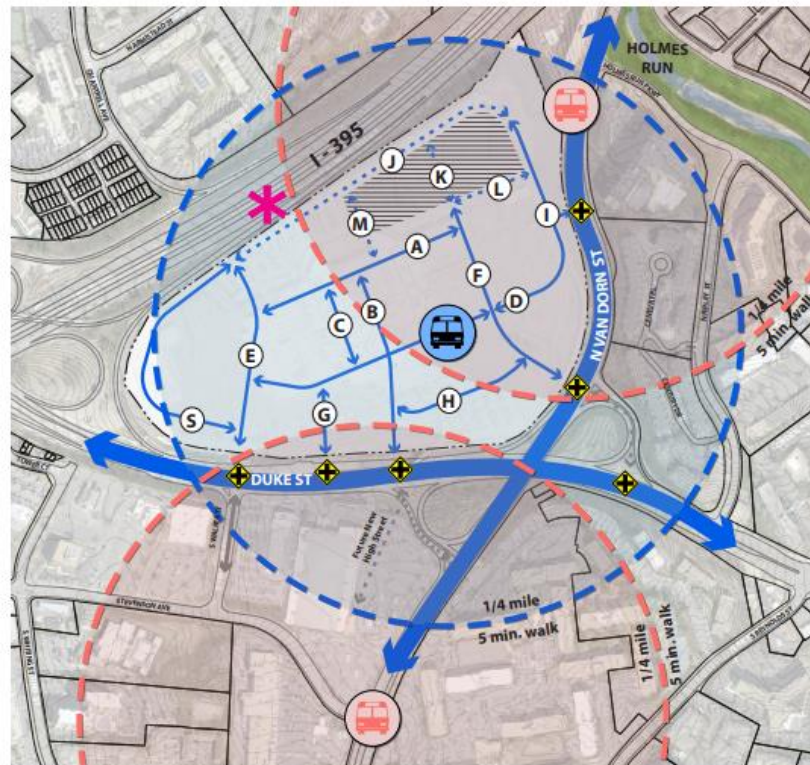


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- Landscaped median & improvements at Wolfe St.

New5 Landmark Transit Center

Figure 9: Transit Hub



LEGEND

- | | |
|--|---|
| Proposed Transit Hub (1) | Framework Streets |
| Planned West End Transitway Stop | Future Extensions |
| Potential Connection to/from I-395 (2) | Existing Above Grade Parking Structure to be Redeveloped with Future Phases |
| | Existing Connector |
| | Interim Connector |
| | Signalized Intersections |



Existing LRP Projects

Priority Sidewalk Projects from TMP (P-33)

Project Prioritization Results: Sidewalk

Project ID#	Project Length (Miles)	Priority Rank	Description
8	1.643386783	1	King St from S 28th to N Quaker
10	0.657093912	2	N Van Dorn from Kenmore past Fort Ward Park
15	0.576591287	3	S Payne St, Jefferson St
13	0.083038817	4	Cameron Station
44	0.092406692	5	N Fayette
12	0.203021827	6	Eisenhower Ave
23	0.47104107	7	N Jordan St
38	0.071686917	8	Russell Rd from Cedar to King St
34	0.271591179	9	Seminary Rd
36	0.127292627	10	Commonwealth from Glendale to W Nelson
14	0.31681924	11	S Van Dorn near Duke St
32	0.169995126	12	N Van Dorn between Wycklow and Maris
46	0.071394962	13	N Union St
11	0.550625222	14	Farrington from City Limits to Metro Road
28	0.102109483	15	Duke Street between 395 and S Van Dorn
27	0.102844288	16	Duke St near N Van Dorn



Priority Sidewalk Projects from TMP (P-33)

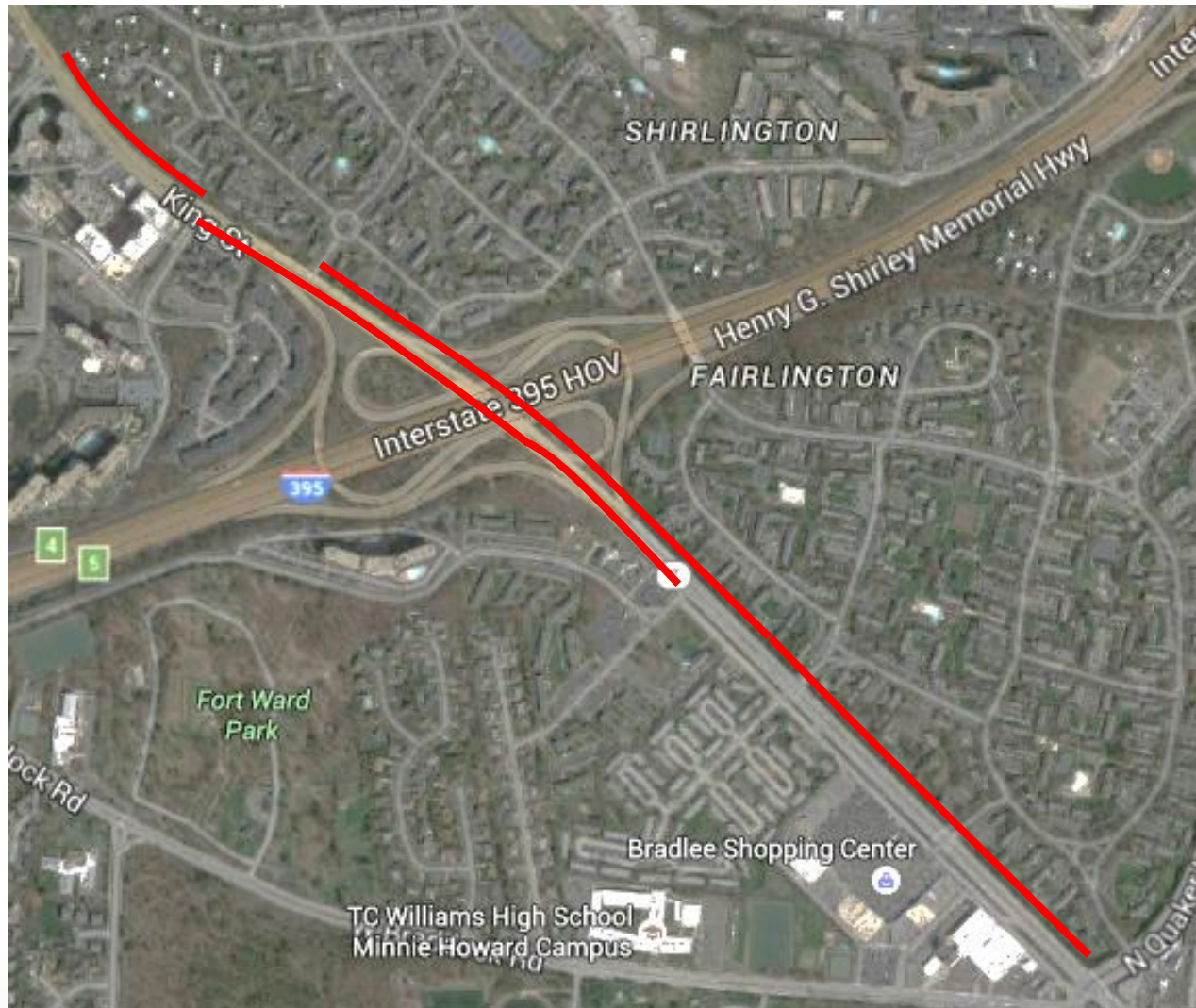
43	0.044232098	17	Dewitt Ave
24	0.411898526	18	N Pegram St, Polk Ave
26	0.427552731	19	Taney Ave
31	0.397872282	20	N Beauregard St
17	0.110414818	21	Franklin St and Green St in Old Town
33	0.086963145	22	N Howard St
42	0.104088117	23	E Spring Ave
49	0.303439239	24	Dawes Ave
19	0.357277774	25	Kenwood, Crestwood, Oakcrest, Dogwood
48	0.791022083	26	N Rosser St, Colfax Ave
2	0.313585992	27	Russell Rd and Executive Ave from Kentucky Ave to W Glebe
39	0.151898634	28	Russell Rd from W Bellefonte to W Mason, W Monroe from Russell to Hancock
30	0.056672286	29	Stevenson Ave
7	0.085189147	30	N Quaker Ln north of Preston Rd
16	0.099989984	31	S Washington St
21	0.138115319	32	Cambridge Rd
20	0.306399192	33	W Braddock
47	0.131785368	34	Commonwealth Ave east of Four Mile Run Park
5	0.236942042	35	Cameron Mills from Chalfonte to Allison
22	0.216640424	36	Yale Dr
1	0.362116698	37	Old Dominion from Beverly Circle to W Glebe
6	0.224982458	38	Gunston Rd from Valley Dr to Eldon Dr
40	0.168523012	39	Russell Rd from W Del Ray to W Curtis
35	0.02027765	40	Colvin St
41	0.038407768	41	Valley Dr from Fordham to W Braddock
4	0.19030455	42	Enderby Dr from Wellington to Cameron Mills
3	0.163835369	43	Old Dominion and Edgehill from Allison to Beverly

Priority bike trail projects from TMP (P-34)

Project Prioritization Results: Trail

Project ID#	Project Length (Miles)	Priority Rank	Description
12	0.5320704	1	HOLMES RUN TRAIL (South side of Holmes Run between Ripley Street and N Pickett Street
110	0.9046095	2	BACKLICK RUN TRAIL from Armistead L. Boothe Park to Western City Limits
87	0.8364477	3	OLD CAMERON RUN TRAIL from STOVALL ST to HOOF'S RUN
38	0.235891	4	TRAIL from WHEELER AV to S QUAKER LA
73	0.4269832	5	TRAIL from E ABINGDON DR to POTOMAC AV TRAIL
9	0.2737261	6	TRAIL from DUKE ST to N VAN DORN ST
105	0.2443018	7	FORT WARD PARK TRAIL from N VAN DORN ST to W BRADDOCK RD
83	0.0613432	8	TRAIL from POTOMAC AVE to MOUNT VERNON TRAIL, TRAIL from JEFFERSON DAVIS HY to POTOMAC AV
103	0.1604969	9	LESLIE AV from SIMPSON STADIUM PARK BASE BALL FIELD to DUNCAN AV
80	0.1308068	10	TRAIL from POTOMAC AV to CARPENTER RD

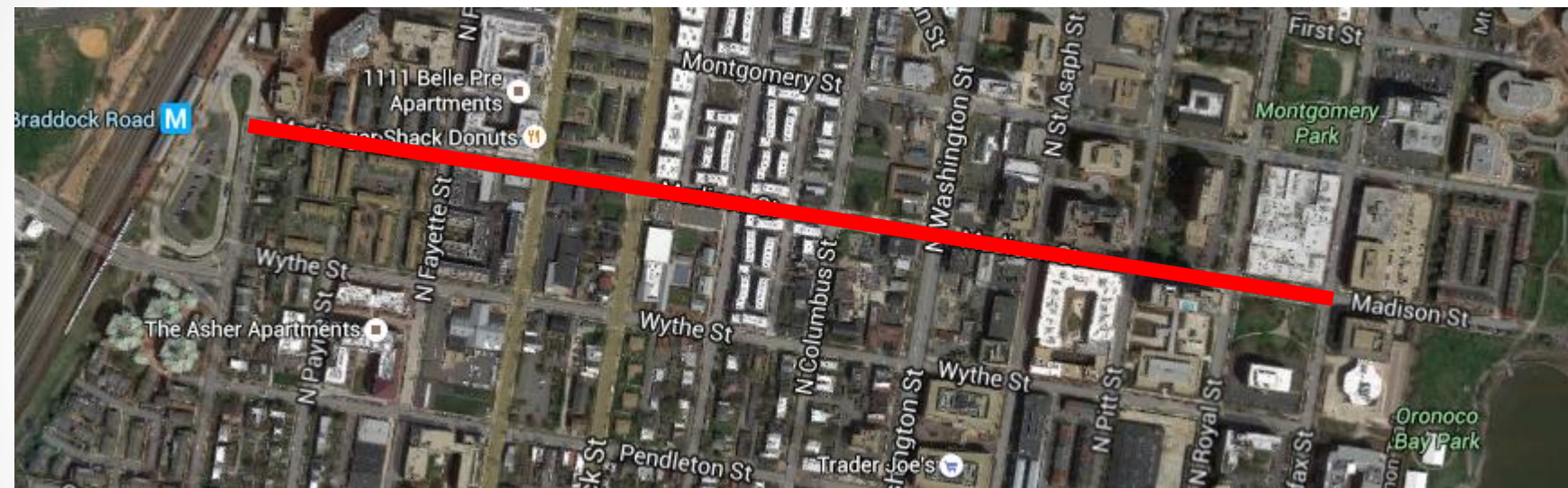
Upper King Street Multimodal Redesign, Quaker Lane to N. Hampton (P-4)



Commonwealth Avenue Non-motorized Bridge (P-15)



Madison Street Bicycle Facility (P-16)



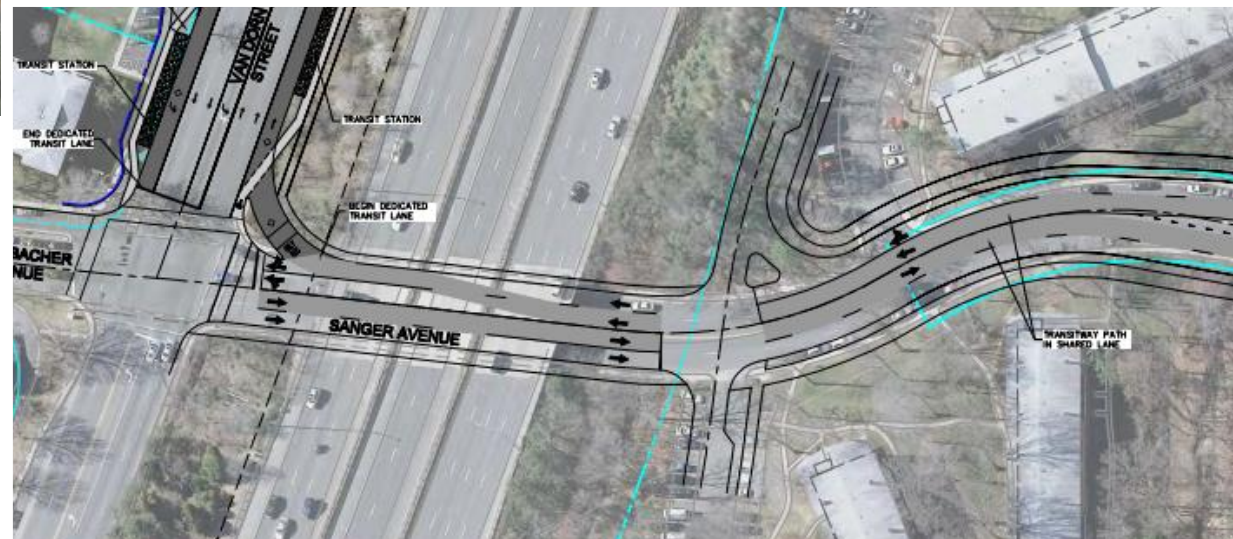
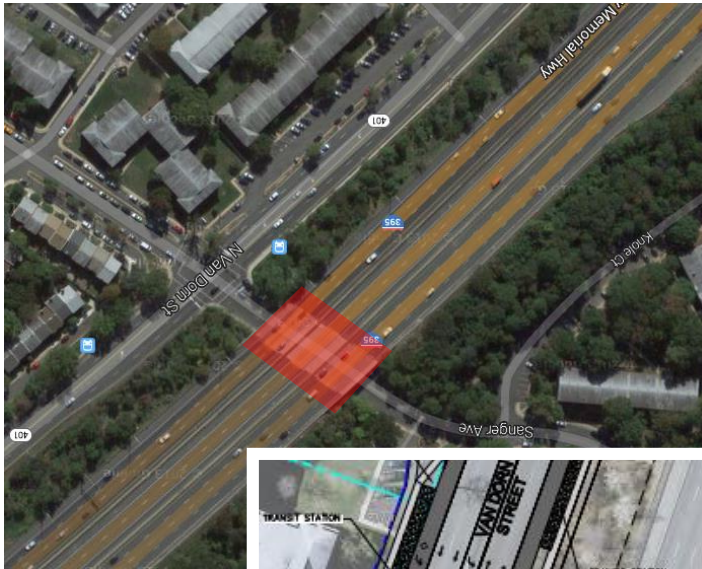
Non-Motorized Bridge over Cameron Run (P-18)



- Recommended in Eisenhower West Small Area Plan
- Connects Eisenhower Valley and Ben Brenman Park / Cameron Station



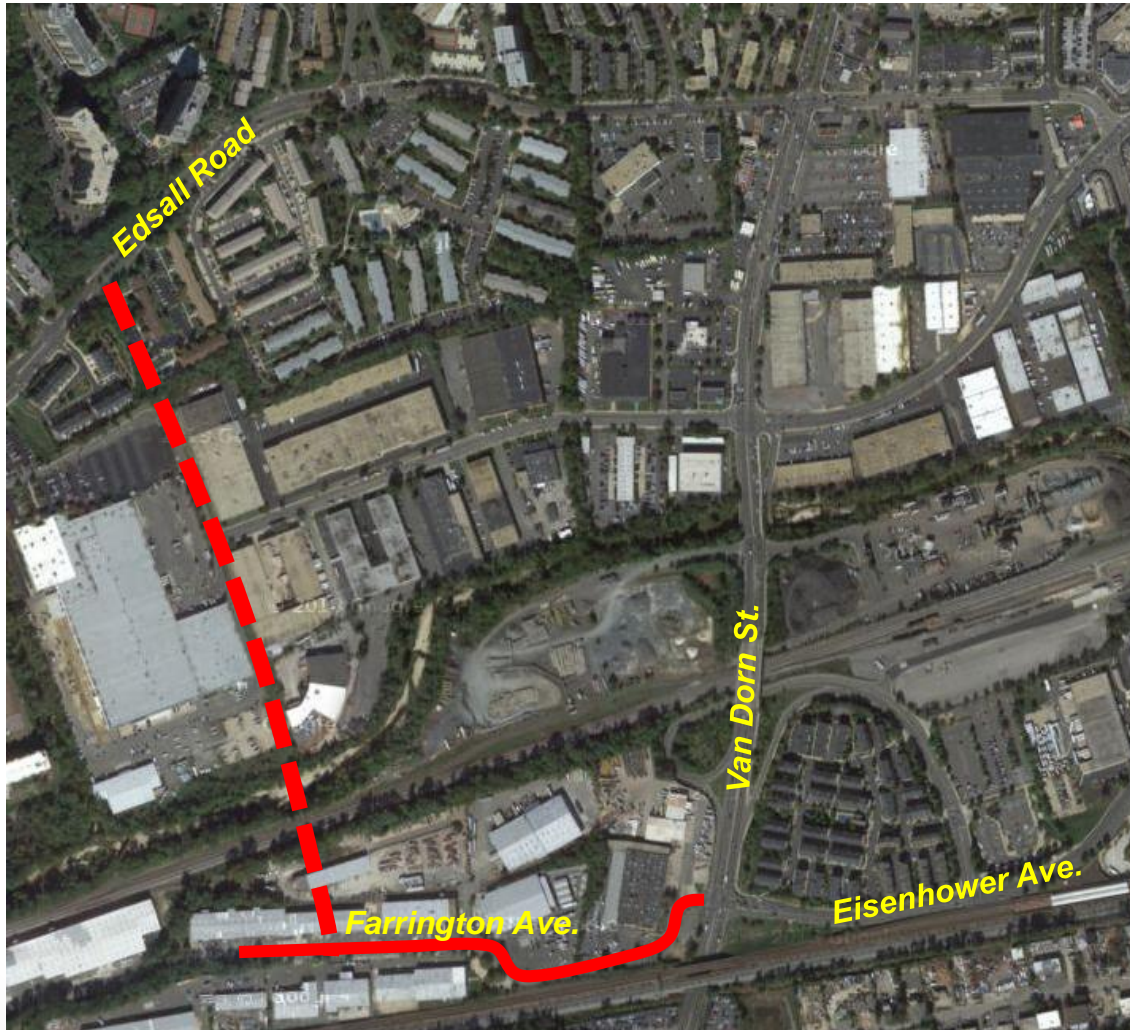
Sanger Avenue Bridge (P-21)



Commonwealth Avenue Green Street (P-23)



Edsall Road Connector to Farrington Ave. (P-24)



Van Dorn Intersection Improvements (P-26)



- Van Dorn at Edsall (Add WB right turn lane)
- Van Dorn at New Main Street (Add WB right turn lane)
- Van Dorn at Eisenhower (Add EB/WB Thru lane)

I-395 Access to West End Town Center (P-27)



Multimodal Bridge to Connect Eisenhower Av. & S. Pickett St. (P-32)



Norfolk Southern Rail Spur in OTN (P-30)



Connection from Potomac Yard Park to Mt. Vernon Trail (P-31)



2020 New Developer Projects

- New High Street
- Duke Street and North Van Dorn Street Redesign
- 395 Bike Ped Bridge
- Ramp connection to I-395
- Telegraph Road Bicycle & Pedestrian Tunnel
- Eisenhower East SAP Bicycle and Pedestrian Facilities

2018 Materials



Other Business

Agenda Item #9